Work Order I February 14, 2011 8		Rus	Hd								Page 1
Item ID: D32 Revision ID:			A	Accept				s	etup Sta		
Item Name: Fittin Start Date: 2/14 Required Date: 2/15 Reference:	/11 Star	t Qty: 5.00 d Qty: 5.00			Cust Item Customer				Sto		
	ocess Plan:		Date: 11 02 14	Tooling: SPC (Y/N):		Date:		F	tun Sta Sto		[[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]
Sequence ID/ Work Center ID	Oper Desci	ration ription		Set Up/ Run Hours	Tool ID	Tool#	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr D3216	Revision N	Nbr							<u> </u>		
Waterjet FLOW CNC Waterjet	FLOW	WATER JET Memo 1-Cut as per Deburr if ne	Dwg D3216 □Dwg Rev:_cessary	0.00 0.00 □Prog Rev	:_ A		,	<u>Ks</u> il	-D-14		
110 QC Quality Control	QC2-	Inspect parts off m	achine FAI/FAIB	0.00				_ HB 11	-3-14	- —	-
120 QC	QC8-	Inspect parts - sec	and check	00.00	los hu			_ (1 0)			

Quality Control

Dart Aerospace Ltd

W/O:			WO	RK ORDER CHANG	ES					
DATE	STEP	PRO	OCEDURE CHAN	IGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	•	PAR #:	Fault Categ	ory:	NCR:	: Yes 1	lo DQ/	A :	Date: _	
	R	esolution:	Disposition	:	QA: I	WC Clo	sed:	**	Date:	
NCR:	:	1	WORK ORDE	R NON-CONFORM	ANCE	(NCR)				
		Description of NC	, , , , , , , , , , , , , , , , , , , ,	1017	tion B		Verific	ation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Secti			QC Inspector
									5	
	-					•••••	-			
					ļ					

^{*} H:\fFORMS\Quality Assurance\approved QA\NCRWO RevE



February 14, 2011 8:32:56 AM

Item ID);
Revisio	n ID:

D3216-1

Item Name: Fitting

Required Date: 2/15/11

Start Date:

2/14/11

Start Qty: 5.00

Reg'd Qty: 5.00



Accept



Date:

Tool # Plan

Code

Setup Start



Stop

Cust Item ID:

Customer:

Reference:

A	pproval	٠.
А	DDFOVAL	S:

Process Plan: _____ Date: ____

QC:

Date:

Tooling:

SPC (Y/N):

Date:

Tool ID

Run

Start



Stop

Reject Insp.

Stamp

Number

Sequence ID/ **Work Center ID**

130

Small Fab

Operation Description

Small Fab

Set Up/ **Run Hours**

0.00

0.00

R 11-3-15

Qty

Reject

Small Fab

Tumble until parts have a polished finish.

140

Quality Control

OC5- Inspect part completeness to step on W/O

Accept Qty

150

Packaging

Packaging

Identify as per dwg & Stock Location: 41

0.00

Memo

Memo

Memo

0.00

Dart Aerospace Ltd

	•									
W/O:			V	ORK ORDER CHANG	ES					
DATE	STEP	PRO	CEDURE CH	ANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
]				ļ					
·										
<u> </u>										
Part No	:	PAR #:	Fault Ca	tegory:	_ NCR	: Yes N	lo DQ	A :	_ Date: _	
	R	esolution:	Disposit	ion:	_ QA:	N/C Clo	sed:		Date: _	
NCR:		\	VORK OR	DER NON-CONFORMA	ANCE	(NCR)				
DATE	STEP	Description of NC			ion B	0: 0	Verific	cation	Approval	Approval
DAIL	JILF	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Sect	ion C	Chief Eng	QC Inspector
					:					
							}			

NOTE: Date & initial all entries

H:\fFORMS\Quality Assurance\approved QA\NCRWO RevE

Work Order ID 66379

Page 3

February 14, 2011 8:32:56 AM

Item ID:

D3216-1

Fitting

Item Name: **Start Date:**

Required Date: 2/15/11

Revision ID:

2/14/11

Start Qty: 5.00 Req'd Qty: 5.00

Operation

Description

Accept

Setup Start



Stop

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

QC21- Final Inspection - Work Order Release

Date: Date:

Tooling:

SPC (Y/N):

Set Up/

Run Hours

Date:

Date:

Run

Start



Stop

Sequence ID/

Work Center ID

160

Quality Control

Memo

0.00

0.00

Tool ID

Tool # Plan Code

Accept Qty

Reject Qty

Reject Insp. Number

Stamp

NG 11-02-15

Picklist Print

February 14, 2011 8:32:56 AM

Work Order ID: 66379

Parent Item: D3216-1

Parent Item Name: Fitting



Start Date: 2/14/11

Required Date: 2/15/11

Page 1

Start Qty: 5.00

Required Qty: 5.00

Comments:

IPP: A□03.10.28□New Issue□KJ/RF□

IPP Rev:B Now on Waterjet 06-07-03 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304S11GA		Purchased	No			100	sf	52.2800	0.0288	0.151579)		-
304/316 0.125 Sheet										· · · · · · · · · · · ·	B11-3-	-14	
				Location		Loc C	<u>Oty</u>	Loc Code				(1)	
				MAT		5	2.28		<u></u>			(10)	
					116623	5	2.28		Ų	16673			

Dart Aerospace Ltd

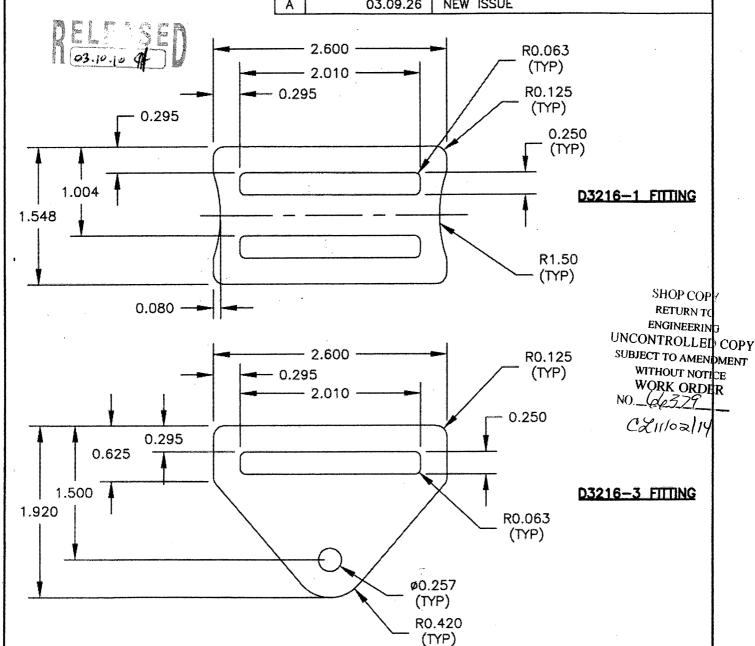
	р									
W/O:			W	ORK ORDER CHANG	ES		****			
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	D	ate	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
									:	
Part No	:	PAR #:	Fault Cate	gory:	_ NCR: Ye	es No	DQA	/ :	Date: _	
•	R	esolution:	Dispositio	n:	_ QA: N/C	Close	d:		Date: _	<u></u>
NCR:			WORK ORD	ER NON-CONFORM	ANCE (N	CR)				
DATE	STEP	Description of NC			ion B		Verific	ation	Approval	Approval
DAIL	SILF	Section A	Initial Chief Eng	Action Description Chief Eng		n & ate	Section C		Chief Eng	QC Inspector
,										

NOTE: Date & initial all entries

H:\fFORMS\Quality Assurance\approved QA\NCRWO RevE



DESIGN (A)	DRAWN BY	DART AERO HAWKESBURY, O	SPACE LTD NTARIO, CANADA
CHECKED AN	APPROVED	DRAWING NO.	REV. A
at the	黄	D3216	SHEET 1 OF 1
DATE		TILE	SCALE
03.09.26		FITTING	1:1
	07.00.06	NEW ICCLIE	



D3216-1/-3 FITTING

- 1) MATERIAL: AISI 304/316 PLATE, 0.125 THICK (REF DART SPEC. M304S11GA)
- 2) FINISH: MOLECRO POLISH
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.015

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DART AEROSPACE LTD	Work Order:	66379
Description: Fitting	Part Number:	D3216-1
Inspection Dwg: D3216 Rev: A		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

X First Article	Prototype
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Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
2.600	+/-0.010	7.601	ь		V 1807	
2.010	+/-0.010	2,015	4		U	
0.295	+/-0.010	- 2992	7		V	
1.548	+/-0.010	1.554	ي		V	
1.004	+/-0.010	, १५५	>		V	
0.295	+/-0.010	-794	>		b	
0.250	+/-0.010	-920	>		V	
0.125	+/-0.010	ी।प	صو		V	
·						

Measured by:	Audited by:	5	Prototype Approval:	N/A
Date: (L 3-14	Date: /	Vally	Date:	N/A

Rev	Date	Change	Revised by	Approved
Α	07.11.23	New Issue	KJ/EC/DD	ZZ.